

06 JAN 2005

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



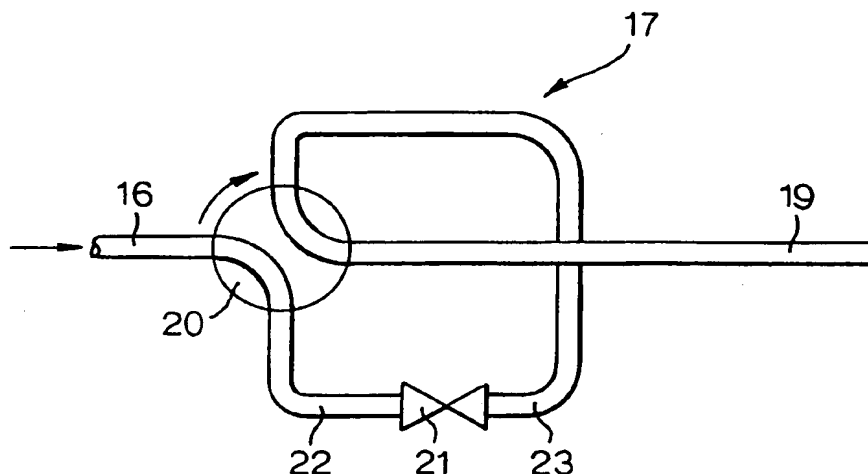
(43) International Publication Date
15 January 2004 (15.01.2004)

PCT

(10) International Publication Number
WO 2004/005667 A1

- (51) International Patent Classification⁷: **E21B 21/10**, 21/08
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- (21) International Application Number: **PCT/EP2003/006750**
- (22) International Filing Date: **24 June 2003 (24.06.2003)**
- (25) Filing Language: **English**
- (26) Publication Language: **English**
- (30) Priority Data: **02254746.7** **8 July 2002 (08.07.2002)** **EP**
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- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **CHOKE FOR CONTROLLING THE FLOW OF DRILLING MUD**



(57) Abstract: The invention relates to a drilling system and method for drilling a well bore into an earth formation, comprising: - drilling means for drilling a well bore; - pumping means for pumping drilling fluid into the well bore during drilling; and - a drilling fluid outlet system for retrieving drilling fluid from the well bore, said drilling fluid outlet system comprising choke means for choking the return flow of retrieved drilling fluid, and alternating means for alternating the flow direction through the choking means.

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/06750

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 E21B21/10 E21B21/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 E21B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 3 354 970 A (LUMMUS JAMES L) 28 November 1967 (1967-11-28) column 1, line 60-70 column 4, line 17-19 figure 2 ---	1
A	US 3 365 009 A (HALPAIN LUKE E ET AL) 23 January 1968 (1968-01-23) column 1, line 38-45 column 4, line 71 -column 5, line 9 figure 2 ---	1
A	US 4 630 675 A (NEIPLING LAWRENCE E ET AL) 23 December 1986 (1986-12-23) column 1, line 27-46 abstract --- -/-	1

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

19 September 2003

Date of mailing of the international search report

07/10/2003

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/06750

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/06750

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